

IN THE CLAIMS:

Claims 1 - 3, 5 - 8, 10 -14, 16 - 18 and 26 have been amended.

1. (currently amended) An audio system having various kinds of capabilities of processing an audio signal with visual indication of the capabilities by labels, the audio system comprising:

a main section that provides the capabilities of processing the audio signal;

an editing section ~~external to the main section~~ in a device physically separate from the main section, that is operated to edit display data to provide edited display data representative of a label corresponding to a capability of processing the audio signal provided by the main section and to output the edited display data representative of the label corresponding to the capability;

a storage section that receives the edited display data and that stores the edited display data; and

a display section, which is in a same device as the main section and the storage section, and is in a device separate from the editing section, that displays the label according to the edited display data stored in the storage section so that the displayed label can be customized in association with the corresponding capability.

2. (currently amended) An audio system having various kinds of capabilities of processing an audio signal with visual indication of the capabilities by labels, the audio system comprising:

a main section that provides the capabilities of processing the audio signal;

a first storage section that provisionally stores display data representative of labels corresponding to the capabilities provided by the main section;

an editing section ~~external to the main section~~, in a device physically separate from the main section, that is operated to edit the display data to provide edited display data so that the labels can be customized in association with the corresponding audio processing capabilities of the main section and to output the edited display data;

a second storage section that stores the edited display data; and

a display section, which is in a same device as the main section, the first storage section, and the second storage section, and is in a device separate from the editing section, that can display the labels according to the display data stored in either the first storage section or the second storage section.

3. (currently amended) An audio system having a plurality of capabilities of processing an audio signal with visual indication of the capabilities by labels, the audio system comprising:

a main section that selectively provides the capabilities of processing the audio signal;

a first storage section that provisionally stores display data representative of labels corresponding to the capabilities;

an editing section ~~external to the main section~~, in a device physically separate from the main section, that is operated to edit the display data to provide edited display data so that the labels can be customized in association with the audio processing capabilities of the main section and to output the edited display data;

a second storage section that stores the edited display data;

a selecting section that selects one of the capabilities; and

a display section, which is in a same device as the main section, the first storage

section, and the second storage section, and is in a device separate from the editing section, that displays a label corresponding to the selected one of the capabilities according to the display data stored in either the first storage section or the second storage section.

4. (previously presented) An audio system capable of processing an audio signal inputted from different types of signal sources with visual indication of the signal sources by labels, the audio system comprising:

- a first storage section that provisionally stores display data representative of labels corresponding to the signal sources;

- an editing section that is operated to edit the display data to provide edited display data so that the labels can be customized in association with the different types of the signal sources;

- a second storage section that stores the edited display data;

- a selecting section that selects one type of the different types of the signal sources to input the audio signal; and

- a display section that displays a label corresponding to the selected one type of the signal sources according to the display data stored in either the first storage section or the second storage section, wherein the editing section is external to the selecting section and the display section,

- wherein the selecting section, display section, the first storage system, and the second storage system are located in a first apparatus, and the different types of signal sources are physically connected to the first apparatus through external device connection interfaces not including a radio frequency interface and separate from a

personal computer connection terminal.

5. (currently amended) An audio system capable of applying different modes of sound effects to an audio signal with visual indication of the sound effects by labels, the audio system comprising:

a main section that provides the capabilities of processing the audio signal;

a first storage section that provisionally stores display data representative of labels corresponding to the modes of the sound effects;

an editing section, in a device physically separate from said main section, that is operated to edit the display data to provide edited display data so that the labels can be customized in association with the modes of the sound effects;

a second storage section that stores the edited display data;

a selecting section that selects one mode of the modes of the sound effects to process the audio signal; and

a display section, which is in a same device as the main section, the first storage section, and the second storage section, and is in a device separate from the editing section, that displays a label corresponding to the selected one mode of the modes of the sound effects according to the display data stored in either the first storage section or the second storage section, wherein the editing section is external to the selecting section and the display section.

6. (currently amended) An audio system capable of presetting different groups of radio stations for enabling a tuner to receive an audio signal from a radio station of a preset group with visual indication of the group by a label, the audio system comprising:

a main section that provides capabilities of processing the audio signal;

a first storage section that provisionally stores display data representative of labels corresponding to the groups of the radio station;

an editing section, in a device physically separate from the main section, that is operated to edit the display data to provide edited display data so that the labels can be customized in association with the groups of the radio stations;

a second storage section that stores the edited display data;

a selecting section that selects one group of the groups of the radio stations to receive an audio signal from a radio station belonging to the selected one group; and

a display section which is in a same device as the main section, the selecting section, the first storage section, and the second storage section, and is in a device separate from the editing section, that displays a label corresponding to the selected one group according to the display data stored in either the first storage section or the second storage section, wherein the editing section is external to the selecting section and the display section.

7. (currently amended) A display method performed in an audio system having various kinds of capabilities of processing an audio signal, for providing visual indication of the capabilities by labels, the display method comprising the steps of:

editing display data at an editing section, in a device physically separate from a main section, to provide edited display data representative of a label corresponding to an audio processing capability provided by the audio system;

outputting the edited display data to [[a]] the main section external to the editing section that provides the capabilities of processing the audio;

storing the edited display data in a storage; and

displaying, at a display section which is in a same device as the main section, and is in a device separate from the editing section, the label according to the edited display data stored in the storage so that the displayed label can be customized in association with the corresponding capability.

8. (currently amended) A display method performed in an audio system having various kinds of capabilities of processing an audio signal, for visual indication of the capabilities by labels, the display method including:

provisionally storing display data in a first storage, the display data being representative of original ones of the labels corresponding to the capabilities provided by the audio system;

editing the display data in an editing section, in a device physically separate from a main section, to provide edited display data so that the labels can be customized in association with the corresponding audio processing capabilities;

outputting the edited display data to ~~[[a]]~~ the main section external to the editing section that provides the capabilities of processing the audio;

storing the edited display data in a second storage; and

displaying, at a display section which is in a same device as the main section, and is in a device separate from the editing section, the labels according to the display data stored in either the first storage or the second storage.

9. (previously presented) The display method as claimed in claim 8, further including selecting one of the capabilities provided by the audio system so that a label corresponding to the selected one of the capabilities is displayed.

10. (currently amended) ~~The display method as claimed in claim 9,~~

A display method performed in an audio system having various kinds of capabilities of ~~processing an audio signal~~ inputting an audio signal from different types of signal sources, for visual indication of the capabilities by labels, the display method including:

provisionally storing display data in a first storage, the display data being representative of original ones of the labels corresponding to the capabilities of inputting an audio signal from different types of signal sources provided by the audio system;

editing the display data in an editing section to provide edited display data so that the labels can be customized in association with the corresponding capabilities;

outputting the edited display data to a main section external to the editing section that provides the capabilities of ~~processing the audio~~ inputting the audio signal from different types of signal sources;

storing the edited display data in a second storage;

displaying, at a display section which is in a same device as the main section, and is in a device separate from the editing section, the labels according to the display data stored in either the first storage or the second storage;

~~selecting one of the capabilities provided by the audio system so that a label corresponding to the selected one of the capabilities is displayed,~~

~~performed in the audio system having capabilities of inputting an audio signal from different types of signal sources, provisionally storing display data representative of labels corresponding to the different types of the signal sources~~ selecting one type of the different types of the signal sources to input the audio signal so that a label

corresponding to the selected one type of the different types of the signal sources is displayed according to the display data[[,]] ; [[and]] wherein the main section, the selecting section, and the display section are located in a first apparatus, and the different types of signal sources are physically connected to the first apparatus through external device connection interfaces not including a radio frequency interface and separate from a personal computer connection terminal.

11. (currently amended) The display method as claimed in claim 9, ~~performed in the audio system having capabilities of applying different modes of sound effects to an audio signal,~~ further including provisionally storing display data representative of labels corresponding to [[the]] different modes of [[the]] sound effects, and selecting one mode of the different modes of the sound effects to process the audio signal so that a label corresponding to the selected one mode of the different modes of the sound effects is displayed according to the display data.

12. (currently amended) The display method as claimed in claim 9, ~~performed in the audio system having capabilities of presetting different groups of radio stations for enabling a tuner to receive an audio signal from a radio station of a preset group,~~ further including provisionally storing display data representative of labels corresponding to [[the]] different preset groups of the radio stations, and selecting one group of the different preset groups of the radio stations to receive an audio signal from a radio station belonging to the selected one group so that the label corresponding to the selected one group is displayed according to the display data.

13. (currently amended) A machine-readable medium for use in an audio system controllable by a personal computer and having various capabilities of



processing an audio signal, the medium containing program instructions executable by the personal computer for causing the audio system to perform a process of providing visual indication of the capabilities by labels, wherein the process includes:

editing display data in an editing system, in a device physically separate from a main section, to provide edited display data representative of a label corresponding to an audio processing capability provided by the audio system;

outputting the edited display data to ~~[[a]]~~ the main section external to the editing section, that provides the capabilities of processing the audio;

storing the edited display data in a storage; and

displaying, at a display section which is in a same device as the main section, and is in a device separate from the editing section, the label according to the edited display data stored in the storage so that the displayed label can be customized in association with the corresponding capability.

14. (currently amended) A machine-readable medium for use in an audio system controllable by a personal computer and having various capabilities of processing an audio signal, the medium containing program instructions executable by the personal computer for causing the audio system to perform a process of providing visual indication of the capabilities by means of labels, wherein the process includes:

accessing display data provisionally stored in a first storage, the display data being representative of original ones of the labels corresponding to the capabilities provided by the audio system;

editing the display data in an editing section, in a device physically separate from a main section, to provide edited display data, so that the labels can be customized in

association with the corresponding capabilities of processing an audio signal;

outputting the edited display data to [[a]] the main section external to the editing section that provides the capabilities of processing the audio;

storing the edited display data in a second storage; and

displaying, at a display section which is in a same device as the main section, and is in a device separate from the editing section, the labels according to the display data stored in either the first storage or the second storage.

15. (previously presented) The machine-readable medium as claimed in claim 14, wherein the process further includes selecting one of the capabilities provided by the audio system so that the label corresponding to the selected capability is displayed.

16. (currently amended) ~~The machine-readable medium as claimed in claim 15,~~

A machine-readable medium for use in an audio system controllable by a personal computer and having various capabilities of inputting an audio signal from different types of signal sources, the medium containing program instructions executable by the personal computer for causing the audio system to perform a process of providing visual indication of the capabilities by means of labels, wherein the process includes:

accessing display data provisionally stored in a first storage, the display data being representative of original ones of the labels corresponding to the capabilities of inputting the audio signal from the different types of signal sources provided by the audio system;

editing the display data in an editing section, to provide edited display data, so that the labels can be customized in association with the corresponding capabilities; outputting the edited display data to a main section external to the editing section that provides the capabilities of inputting an audio signal from different types of signal sources;

storing the edited display data in a second storage; displaying, at a display section which is in a same device as the main section, and is in a device separate from the editing section, the labels according to the display data stored in either the first storage or the second storage; and

~~for use in the audio system having capabilities of inputting an audio signal from different types of signal sources, provisionally storing display data representative of labels corresponding to the different types of the signal sources, selecting one type of the different types of the signal sources to input the audio signal so that a label corresponding to the selected one type of the different types of the signal sources is displayed according to the display data, [[and]] wherein the main section, the selecting section, and the display section [[are]] being located in a first apparatus, and the different types of signal sources [[are]] being physically connected to the first apparatus through external device connection interfaces not including a radio frequency interface and separate from a personal computer connection terminal.~~

17. (currently amended) The machine-readable medium as claimed in claim 15, ~~for use in the audio system having capabilities of applying different modes of sound effects to an audio signal, including~~ provisionally storing display data representative of labels corresponding to [[the]] different modes of the sound effects, and selecting

selects one mode of the different modes of the sound effects to process the audio signal so that a label corresponding to the selected one mode of the different modes of the sound effects is displayed according to the display data.

18. (currently amended) The machine-readable medium as claimed in claim 15, ~~for use in the audio system having capabilities of presetting different groups of radio stations for enabling a tuner of the audio system to receive an audio signal from a radio station belonging to a preset group, including~~ provisionally storing display data representative of labels corresponding to ~~[[the]]~~ different preset groups of the radio stations, and selecting one group of the different preset groups of the radio stations to receive an audio signal from a radio station belonging to the selected one group so that a label corresponding to the selected one group is displayed according to the display data.

19. (previously presented) An audio apparatus having various kinds of capabilities of processing an audio signal with visual indication of the capabilities by labels, the audio apparatus comprising:

an operation control device to set and select the various kinds of capabilities of processing the audio signal with visual indication of the capabilities by labels;

a first interface for connection with an external editing system to received edited display data from the external editing system;

a second interface, physically separate from the first interface, for connection with at least one audio signal source, the at least one audio signal source providing the audio signal and the at least one audio signal source not being a radio frequency broadcast;

a storage section that stores the edited display data; and

a display section that displays the labels according to the edited display data stored in the storage section so that the displayed labels can be customized in association with the corresponding capability of the audio signal source.

20. (previously presented) The audio apparatus of claim 19, wherein the first interface for connection with the external editing system operates in accordance with the Universal Serial Bus (USB) protocol.

21. (previously presented) The audio apparatus of claim 19, wherein the first interface for connection with the external editing system operates in accordance with network protocols or in accordance with wireless communication protocols.

22. (previously presented) The audio apparatus of claim 19, further including an input selector to select one type of the capabilities of processing the audio signal.

23. (previously presented) The audio apparatus of claim 19, further including an audio amplifier to amplify the audio signal and to sound the audio signal from a loudspeaker through a speaker terminal.

24. (previously presented) The audio apparatus of claim 19, further including an internal editing device to edit display data and to transfer the edited display data to the storage section.

25. (previously presented) An audio apparatus for processing an audio signal inputted from different types of signal sources with visual indication of the different types of signal sources by labels, the audio apparatus comprising:

a first storage section that provisionally stores display data representative of labels corresponding to the signal sources;

a first interface for connection with an external editing system to receive edited display data so that the labels can be customized in association with the types of signal sources;

a second interface, physically separate from the first interface, for connection with at least one audio signal source of the different types of signal sources, the at least one audio signal source providing the audio signal and the at least one audio signal source not being a radio frequency broadcast;

a second storage section that stores the edited display data;

a selecting section that selects one type of the different types of the signal sources to input the audio signal; and

a display section that displays a label corresponding to the selected type of the different types of the signal sources according to the display data stored in either the first storage section or the second storage section.

26. (currently amended) An audio system capable of applying different modes of sound effects to an audio signal with visual indication of the different modes of the sound effects by labels, the audio system comprising:

a first storage section that provisionally stores display data representative of labels corresponding to the different modes of the sound effects;

a first interface for connection with an external editing system to receive edited display data so that the labels can be customized in association with the different modes of the sound effects;

a second interface, physically separate from the first interface, for connection with at least one audio signal source, the at least one audio signal source providing the

audio signal and the at least one audio signal source not being a radio frequency broadcast;

a second storage section that stores the edited display data;

a selecting section that selects one mode of the different modes of the sound effects to process the audio signal; and

a display section that displays the label corresponding to the selected one mode of the different modes of the sound effects according to the display data stored in either the first storage section or the second storage section.

27. (previously presented) An audio system capable of presetting different groups of radio stations for enabling a tuner to receive an audio signal from a radio station of a preset group with visual indication of the preset different groups by a label, the audio system comprising:

a first storage section that provisionally stores display data representative of the labels corresponding to the preset different groups of the radio station;

an interface to connect to an external editing section that is operated to edit the display data so that the labels can be customized in association with the preset different groups of the radio stations;

a second storage section that stores the edited display data;

a second interface, physically separate from the first interface, for connection with at least one audio signal source, the at least one audio signal source providing the audio signal and the at least one audio signal source not being a radio frequency broadcast;

a selecting section that selects one group of the preset different groups of the

radio stations to receive an audio signal from a radio station belonging to the selected one group; and

a display section that displays the labels corresponding to the selected one group according to the display data stored in either the first storage section or the second storage section.